

1     ABSTRACT OF THE DISCLOSURE

          A microphone array apparatus includes a  
microphone array including microphones, one of the  
microphones being a reference microphone, filters  
5     receiving output signals of the microphones, and a  
filter coefficient calculator which receives the  
output signals of the microphones, a noise and a  
residual signal obtained by subtracting filtered  
10    output signals of the microphones other than the  
reference microphone from a filtered output signal of  
the reference microphone and which obtain filter  
coefficients of the filters in accordance with an  
evaluation function based on the residual signal.

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